

2002P01192WOUS

IN THE CLAIMS:

Please cancel Claims 1-21 and add new Claims 22-41, as follows:

AMENDMENTS TO THE CLAIMS:

1-21 (canceled)

22. (new) A hob, comprising:
 - including at least one hotplate;
 - at least one induction mechanism arranged under said hotplate;
 - a housing including a housing floor and substantially vertically projecting lateral walls which delimit a housing interior;
 - said hotplate connected to said lateral walls;
 - said induction mechanism arranged in said housing interior; and
 - said housing floor including at least a partial region designed as a monobloc plastic profile part.
23. (new) The hob as claimed in Claim 22, including said plastic profile part bears at least one component of said induction mechanism.
24. (new) The hob as claimed in Claim 22, including a hob frame and said plastic profile part connected to said hob frame.
25. (new) The hob as claimed in Claim 22, including said housing formed as said monobloc plastic profile part.
26. (new) The hob as claimed in Claim 22, including at least one of shaping or material thickness of said plastic profile part varies and is adapted according to the respective functional requirements of the hob.
27. (new) The hob as claimed in Claim 22, including at least one functional element formed monobloc on said plastic profile part for reducing the number of components of the hob.
28. (new) The hob as claimed in Claim 27, including said functional element is connected monobloc via a nominal point of separation to said plastic profile part.
29. (new) The hob as claimed in Claim 28 wherein after separation of said functional element at said nominal point of separation, said functional

element is mounted ready for use as a separate component on said housing preferably by being at least one of clamped or screwed to said housing.

30. (new) The hob as claimed in Claim 26, including said functional element is formed as a locking element, with which at least one hob component, such as an induction mechanism carrier, a cool-air fan or an electronic control unit is detachably attached to said housing.
31. (new) The hob as claimed in Claim 30, including said locking element has a ramp inclination, along which said hob component can be guided into a locked connection with said locking element.
32. (new) The hob as claimed in Claims 30, including said locking element is connected to said housing via a spring-elastic connecting leg.
33. (new) The hob as claimed in Claims 30, including a lateral stop formed on said locking element, said lateral stop in contact with said induction mechanism carrier for localised mounting of said induction mechanism carrier substantially parallel to said hotplate.
34. (new) The hob as claimed Claims 33, including said locking element has a height stop, by which the height position of said hob components is fixed in said housing.
35. (new) The hob as claimed in Claim 34, including said locking element having a compression spring, which presses said induction mechanism carrier against said height stop with a spring force directed toward said hotplate.
36. (new) The hob as claimed in Claim 35, including when said hotplate is disassembled said induction mechanism carrier is pressed against said height stop by said compression spring into an assembly position (I).
37. (new) The hob as claimed in Claim 36, including when said hotplate is assembled said hotplate presses said induction mechanism carrier into an operating position (II) under said assembly position (I).

38. (new) The hob as claimed in Claim 37, including said lateral stop vertically guides said induction mechanism carrier when said induction mechanism carrier is shifted between said assembly position (I) and said operating position (II) or respectively during assembly or disassembly.
39. (new) The hob as claimed in Claim 27, including said functional element designed as a bearing element for mounting the hob in a work surface section.
40. (new) The hob as claimed in Claim 27, including said functional element designed as a bulkhead for a cool-air flow.
41. (new) The hob as claimed in Claim 27, including said functional element designed as a strain relief element for at least one cable.